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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Nobuo KOBAYASHI

Group Art Unit: 2826

Application No.: 10/535,403

Examiner: E. RODELA

Filed: May 18, 2005

Docket No.: 123928

For: FIELD-EFFECT TRANSISTOR

REQUEST FOR RECONSIDERATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In reply to the August 29, 2006 Office Action, reconsideration of the rejection is respectfully requested in light of the following remarks.

Claims 1, 2 and 4-7 are pending in this application.

I. The Claims Define Allowable Subject Matter

Claims 1, 2, 4, 5 and 7 are rejected under 35 U.S.C. §103(a) over U.S. Patent No. 6,946,676 to Kelley et al. ("Kelley"); claim 6 is rejected under 35 U.S.C. §103(a) over Kelley in view of U.S. Patent Publication No. 2004/0222412 to Bai et al. ("Bai"). The rejection is respectfully traversed.

Claim 1 recites, *inter alia*, "wherein the electron acceptor is a pi-conjugate molecule composed of an ethylene molecule or a π -conjugate structure whose carbon number is 3 to 15 to which at least one group of -CNO₂, -F, -Cl, -Br, -I, and =O is linked."

According to the Examiner, gate electrode (120, source electrode 922), drain electrode (24), insulation layer (14), semiconductor layer (18) and functional layer (nonfluorinated